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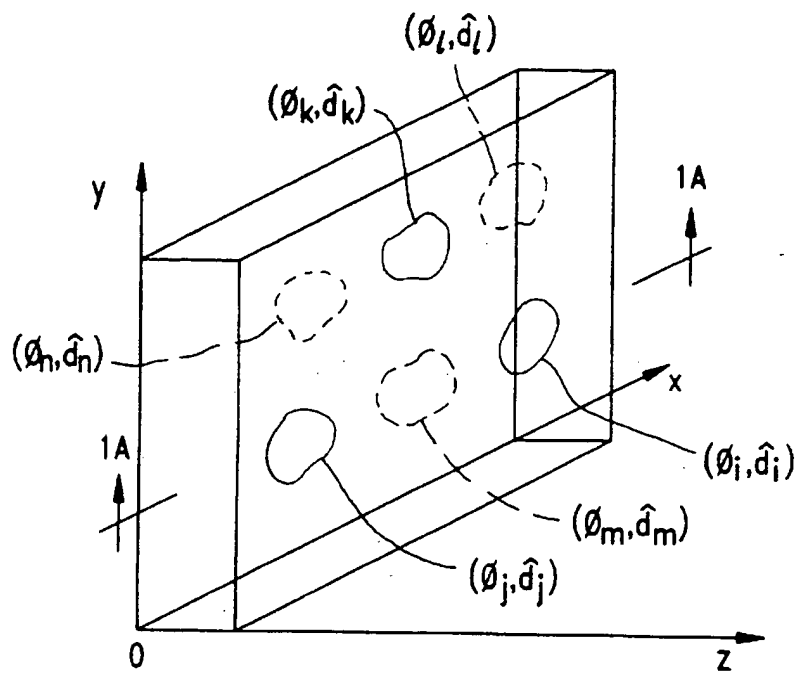


FIG. 1

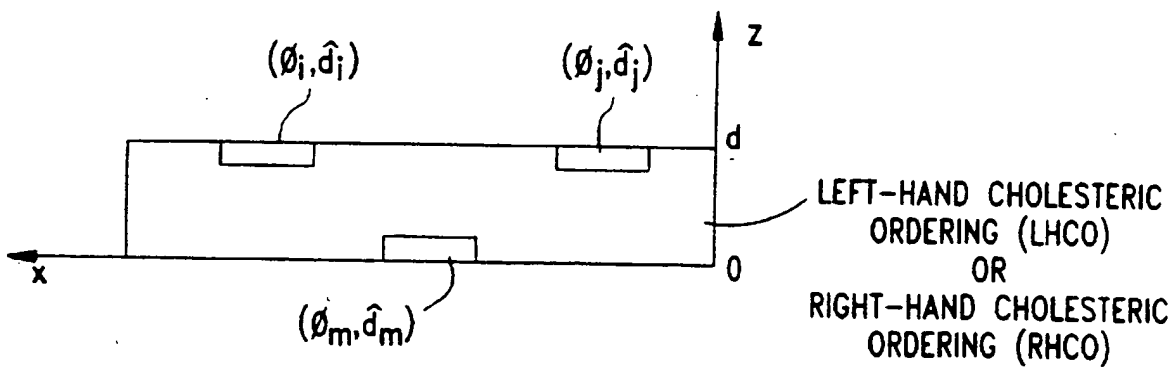


FIG. 1A

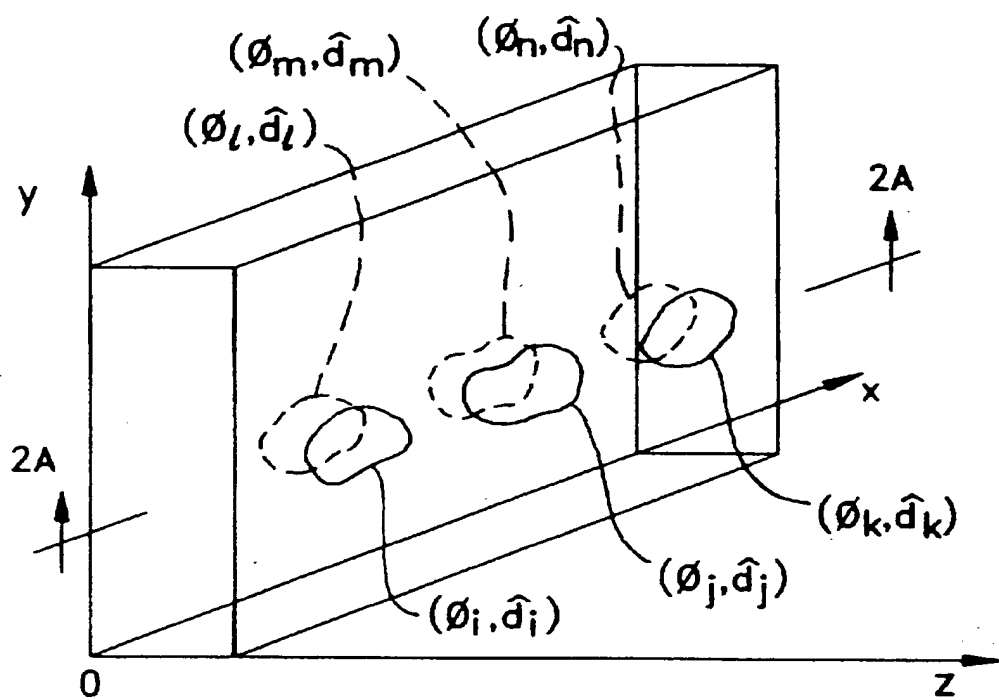


FIG.2

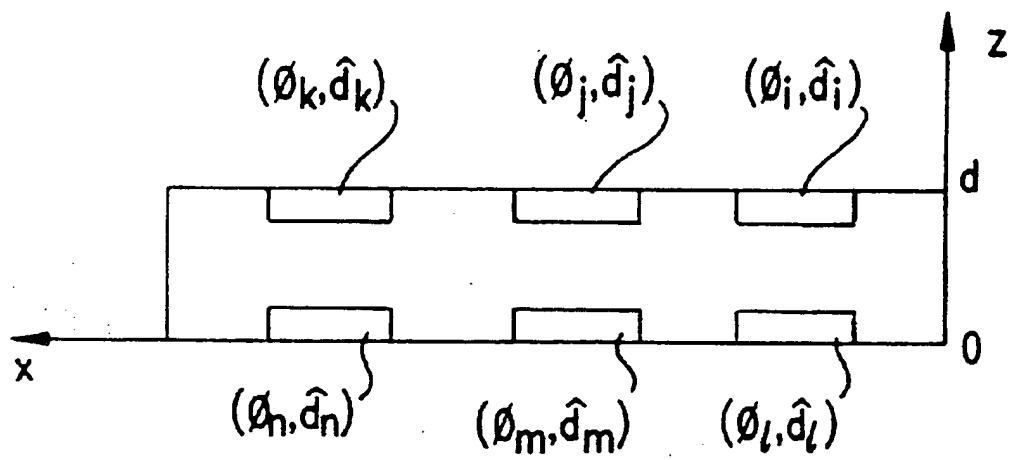
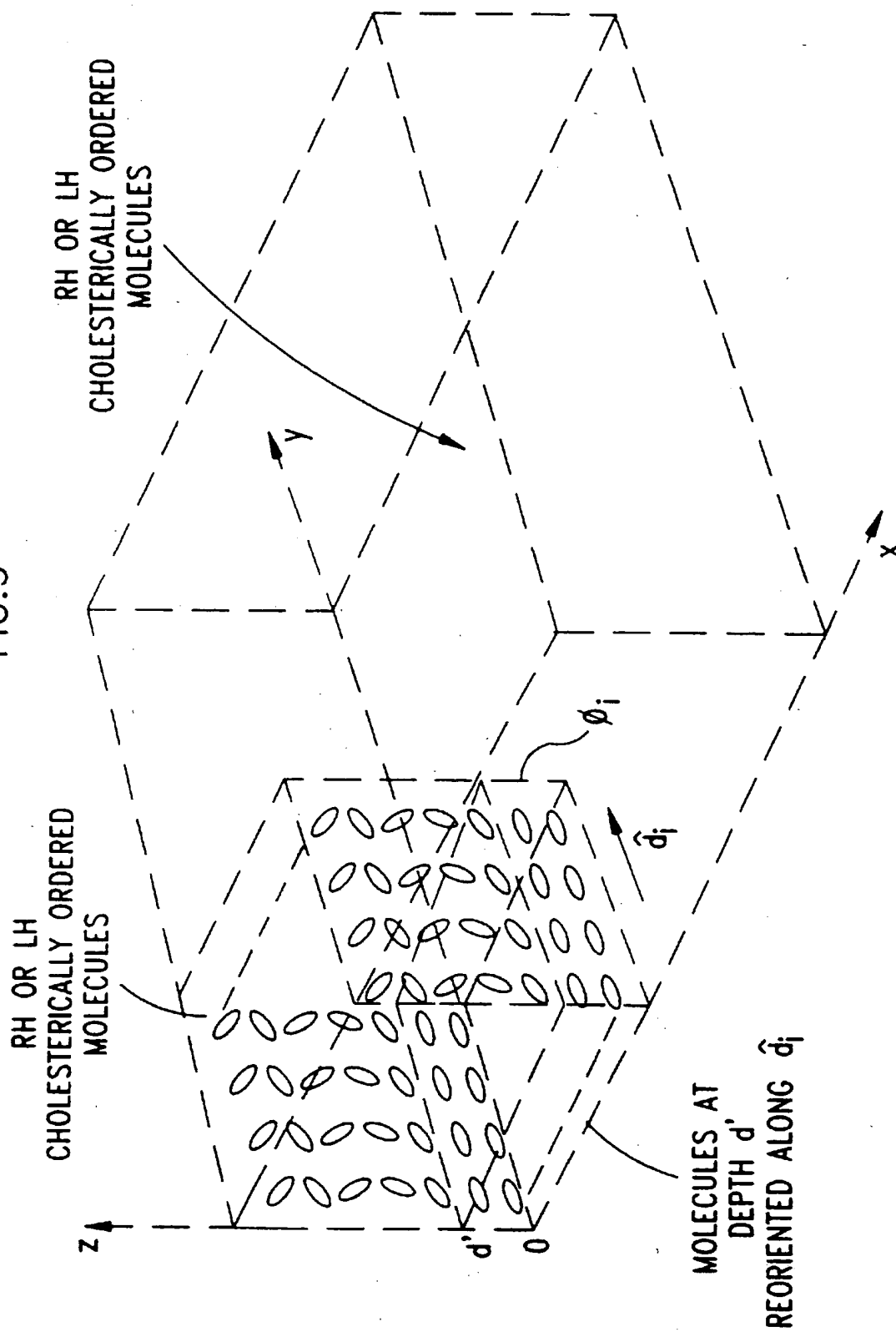


FIG.2A

FIG.3



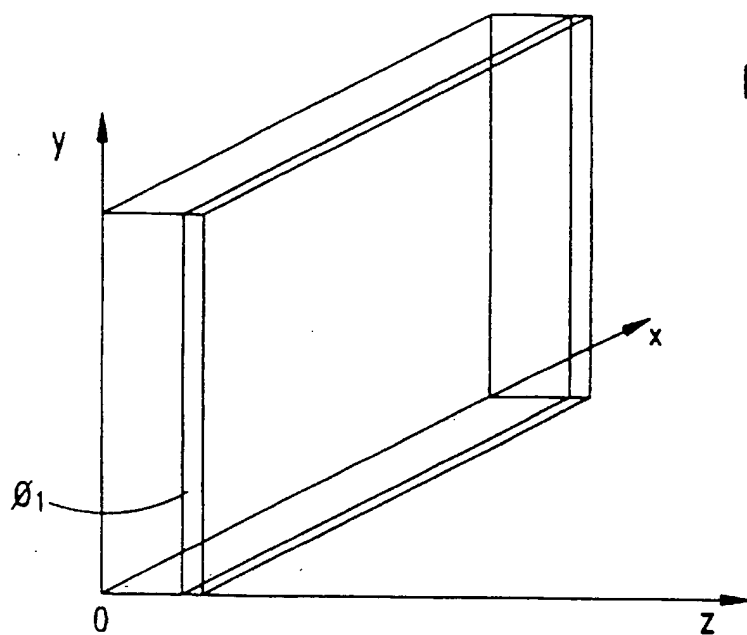


FIG.4

CHOLESTERIC POLARIZER  
WITH SINGLE  
PHASE-RETARDATION  
STRUCTURE  
 $\theta_1$

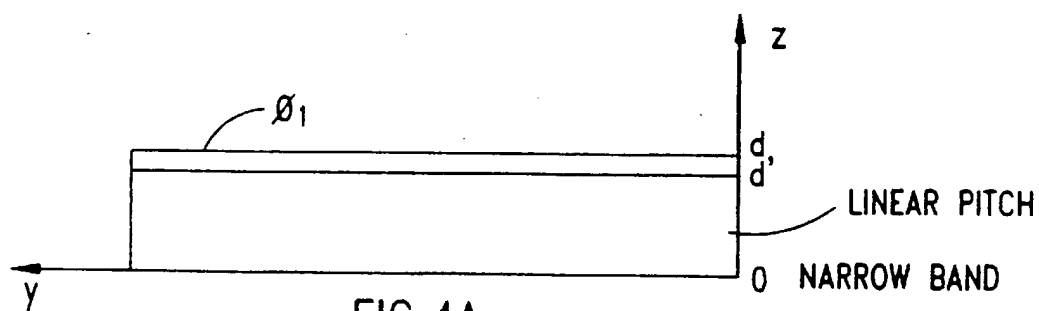


FIG.4A

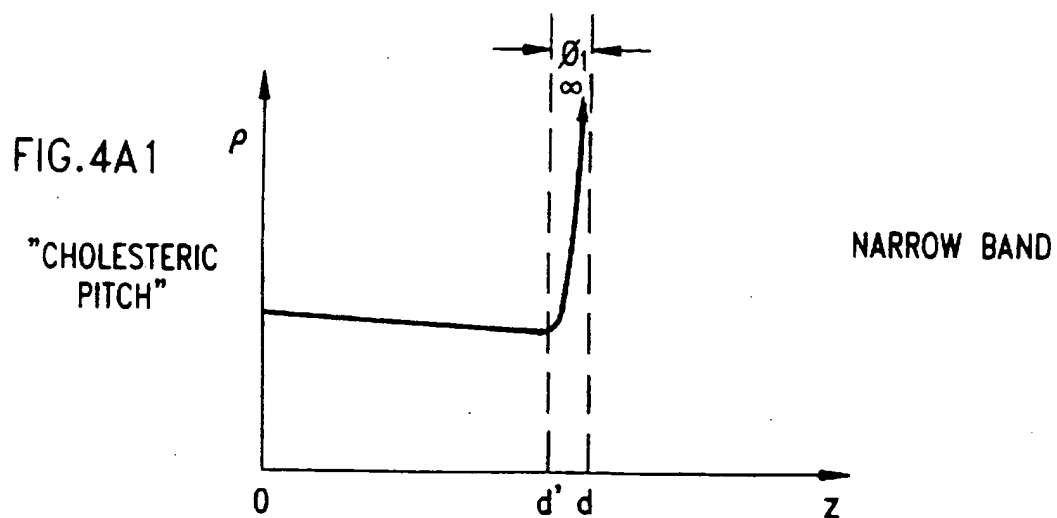


FIG.4A1

"CHOLESTERIC  
PITCH"

NARROW BAND

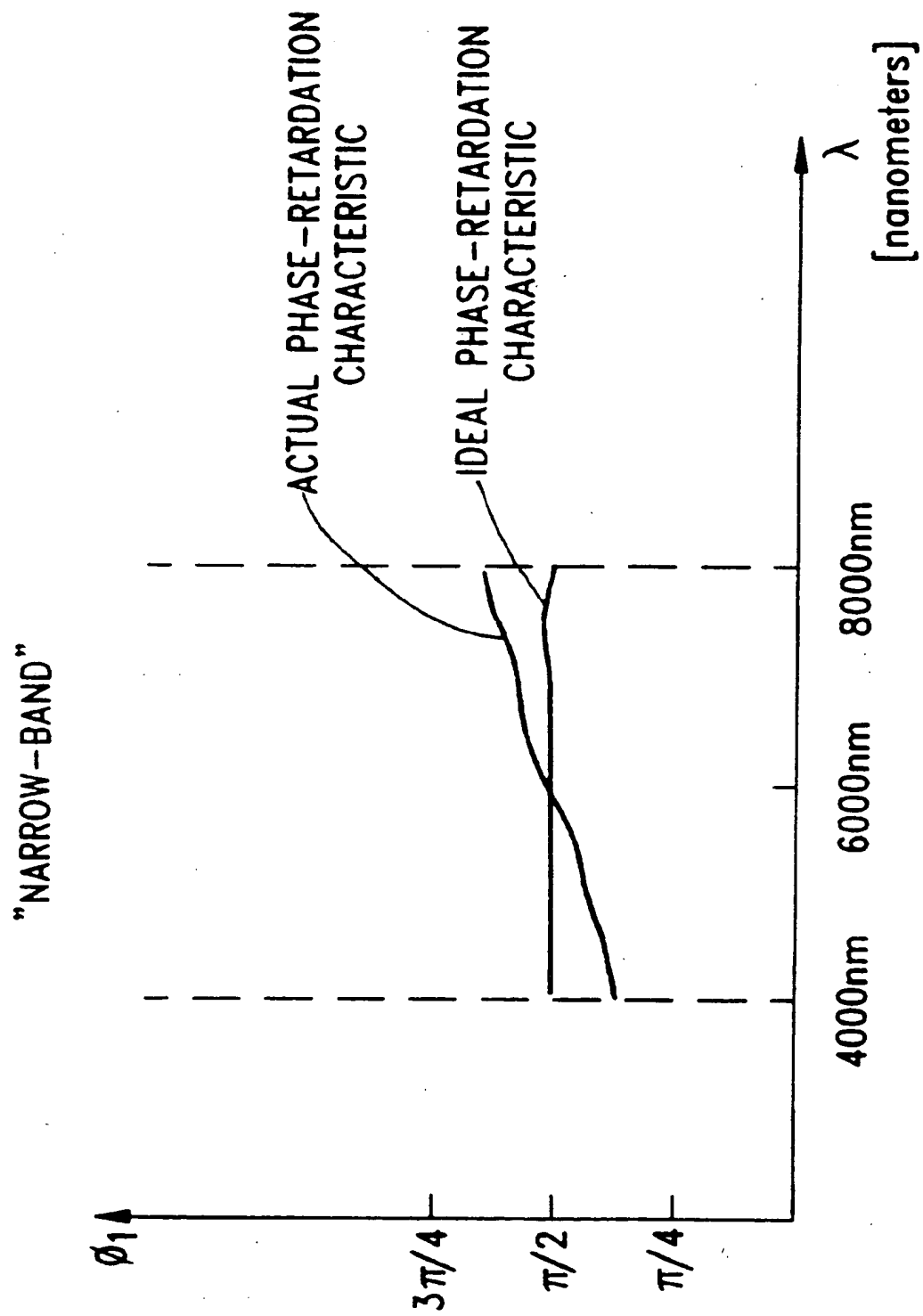


FIG. 4A2

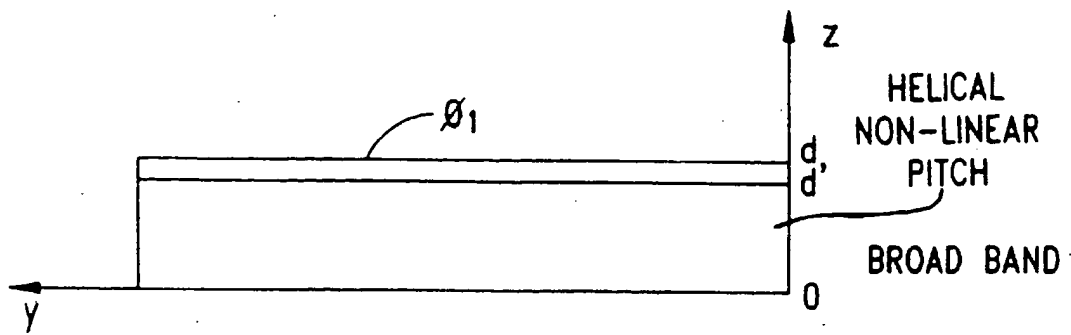
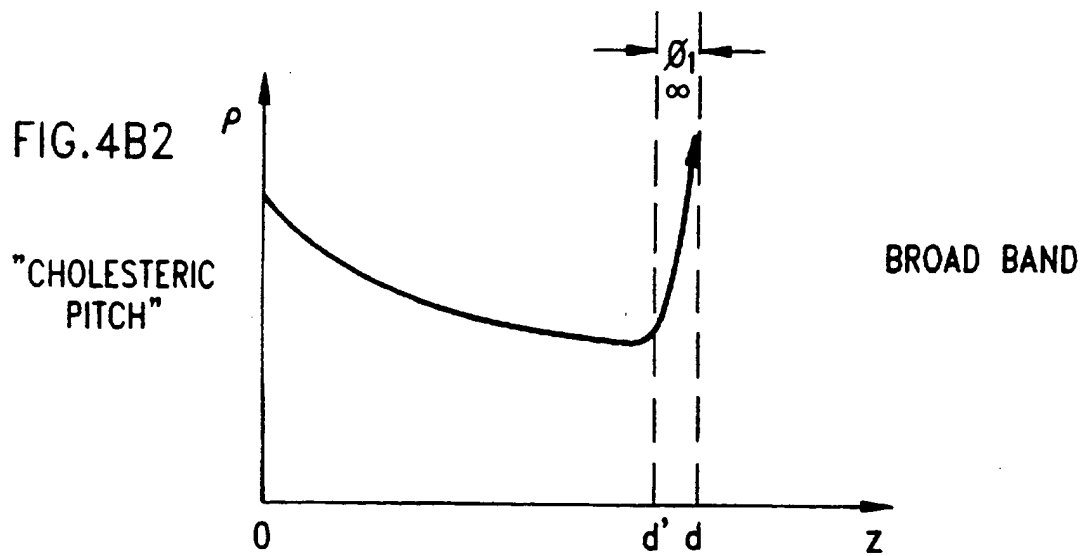
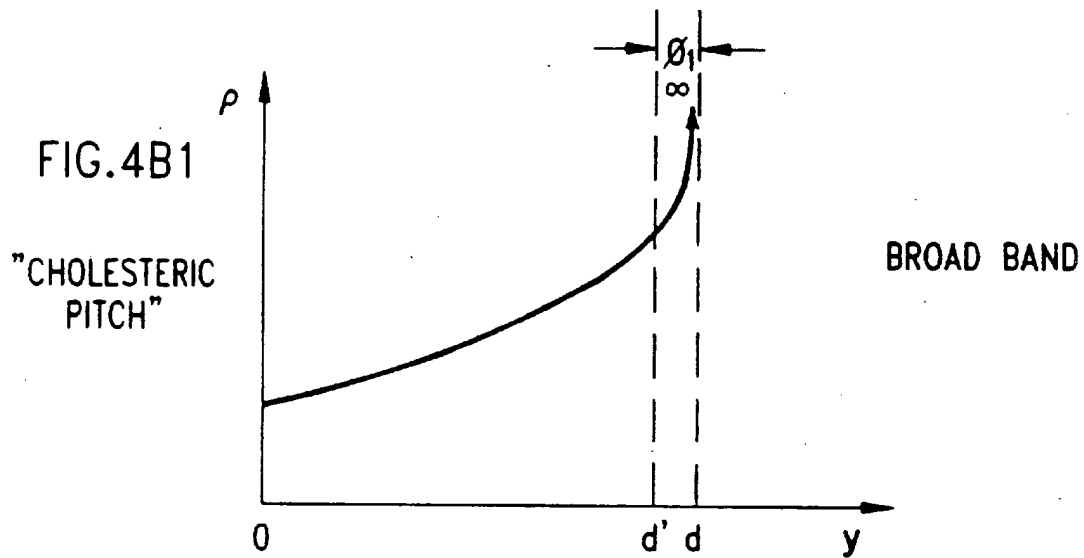


FIG.4B



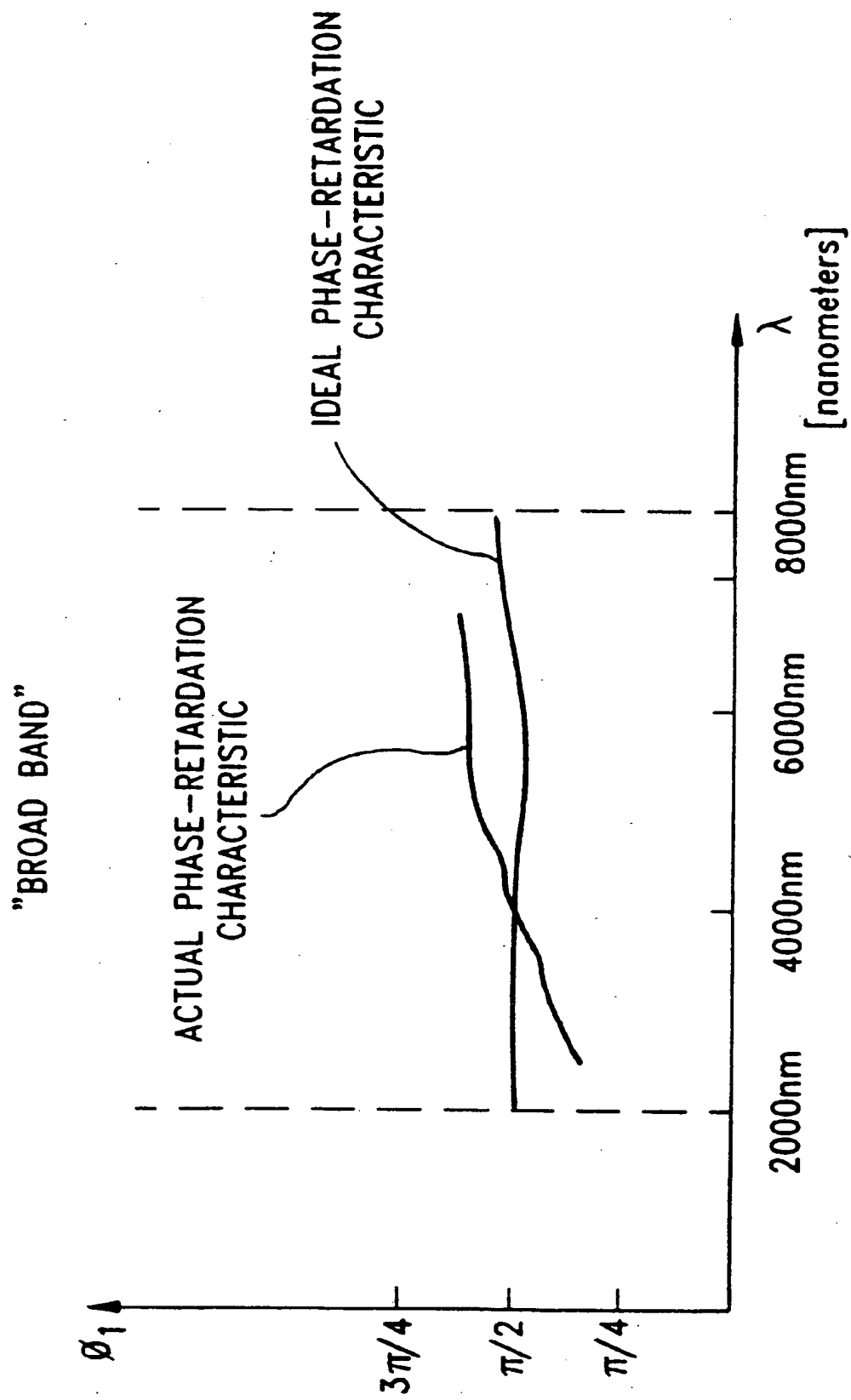


FIG.4B3



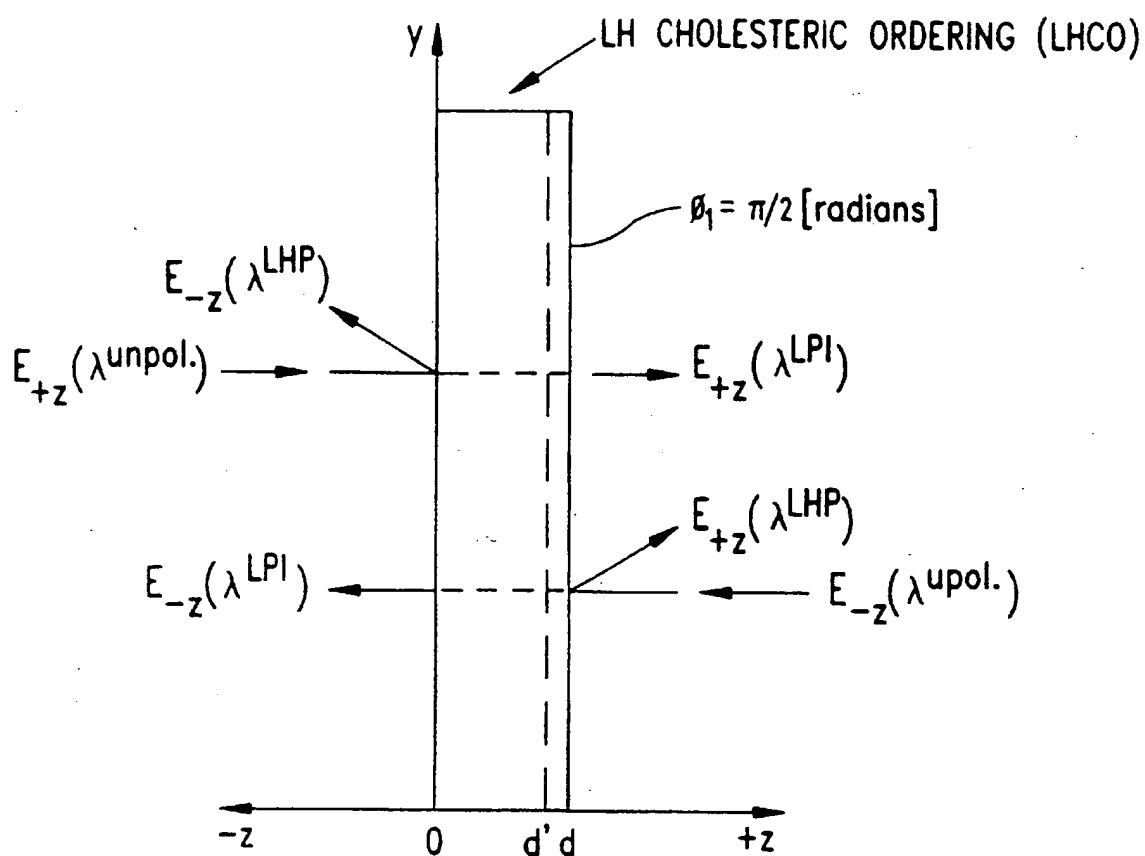


FIG.5A1

$$\bar{E}_{+z}(\lambda^{unpol.}) \square P(\text{LHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{LHP}), E_{+z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{unpol.}) \square P(\pi/2; \text{LHCO}) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LPI})$$

FIG.5A2

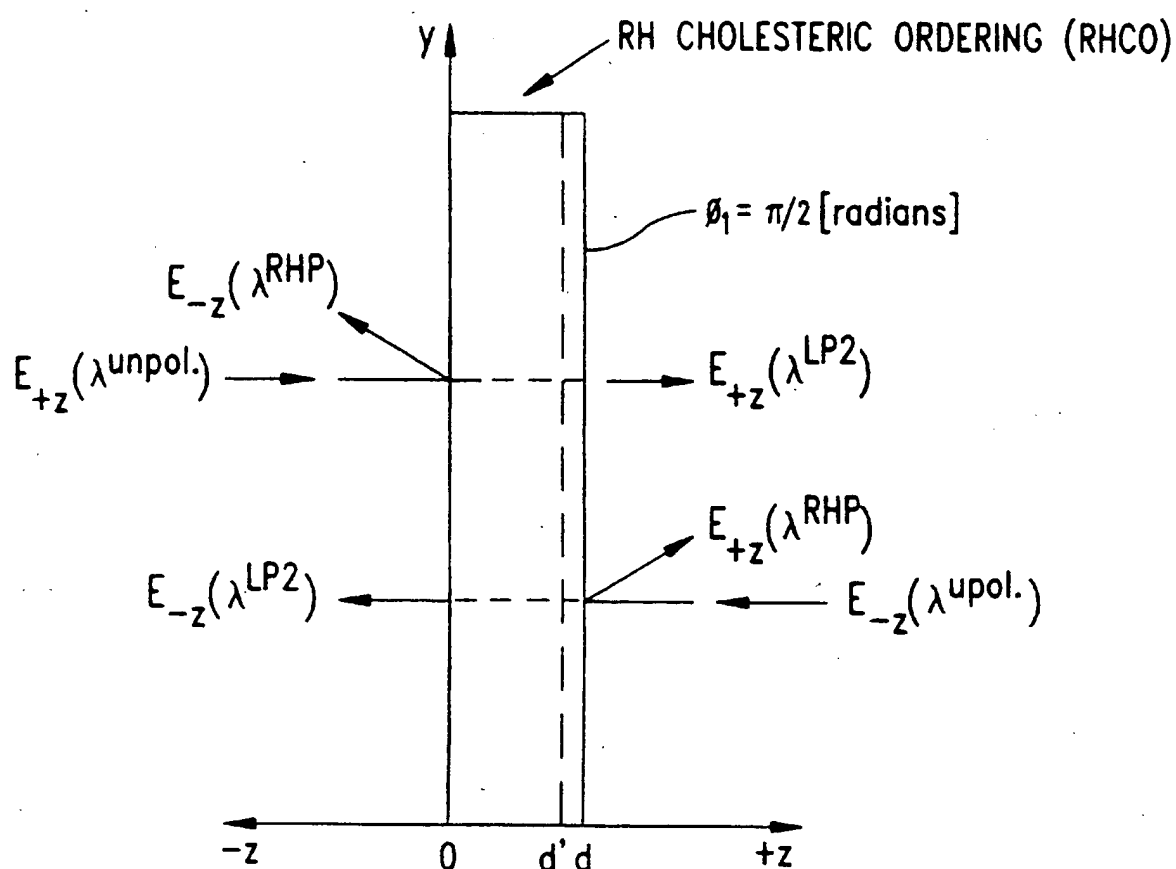


FIG.5B1

$$\bar{E}_{+z}(\lambda^{\text{unpol.}}) \square P(\text{RHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{\text{RHP}}), E_{+z}(\lambda^{\text{LP1}})$$

$$E_{-z}(\lambda^{\text{unpol.}}) \square P(\pi/2; \text{RHCO}) \Rightarrow E_{+z}(\lambda^{\text{RHP}}), E_{-z}(\lambda^{\text{LP2}})$$

FIG.5B2

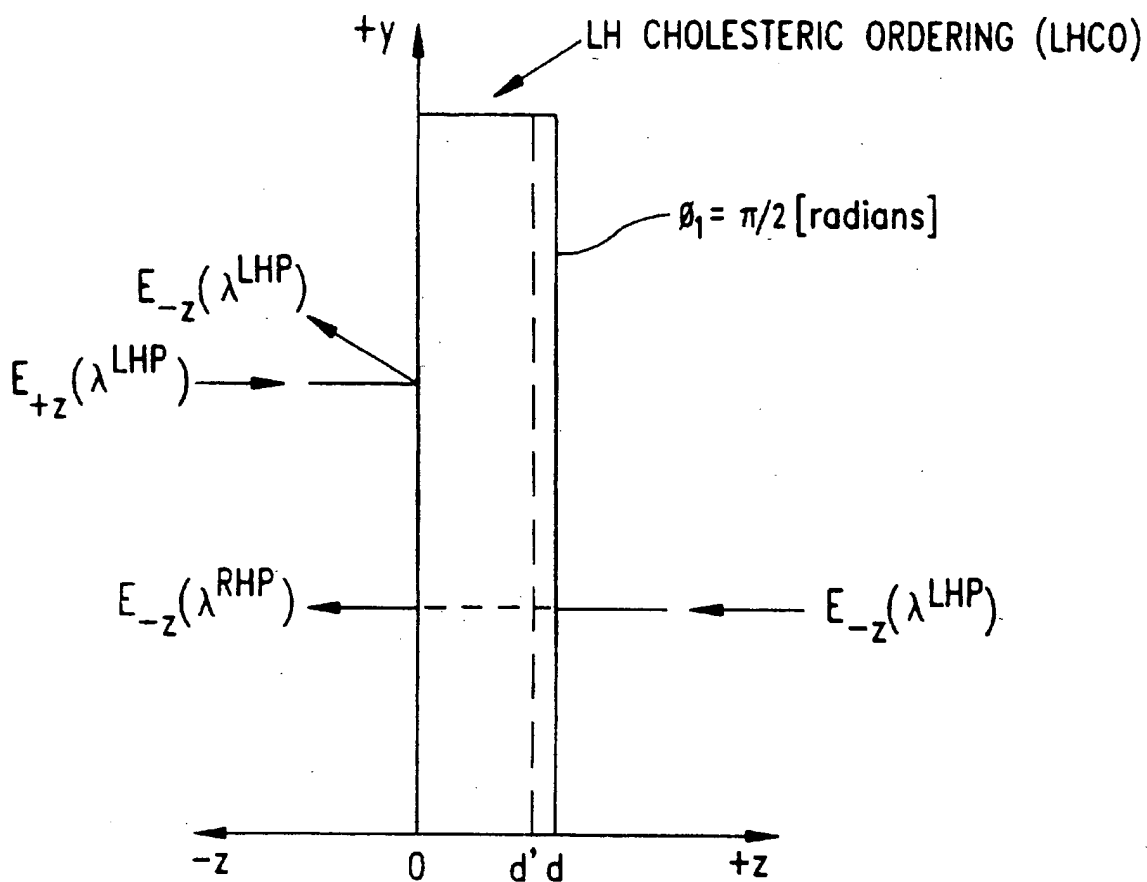


FIG.5C1

$$E_{+z}(\lambda^{\text{LHP}}) \square P(\text{LHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{\text{LHP}})$$

$$E_{-z}(\lambda^{\text{LHP}}) \square P(\pi/2; \text{LHCO}) \Rightarrow E_{-z}(\lambda^{\text{RHP}})$$

FIG.5C2

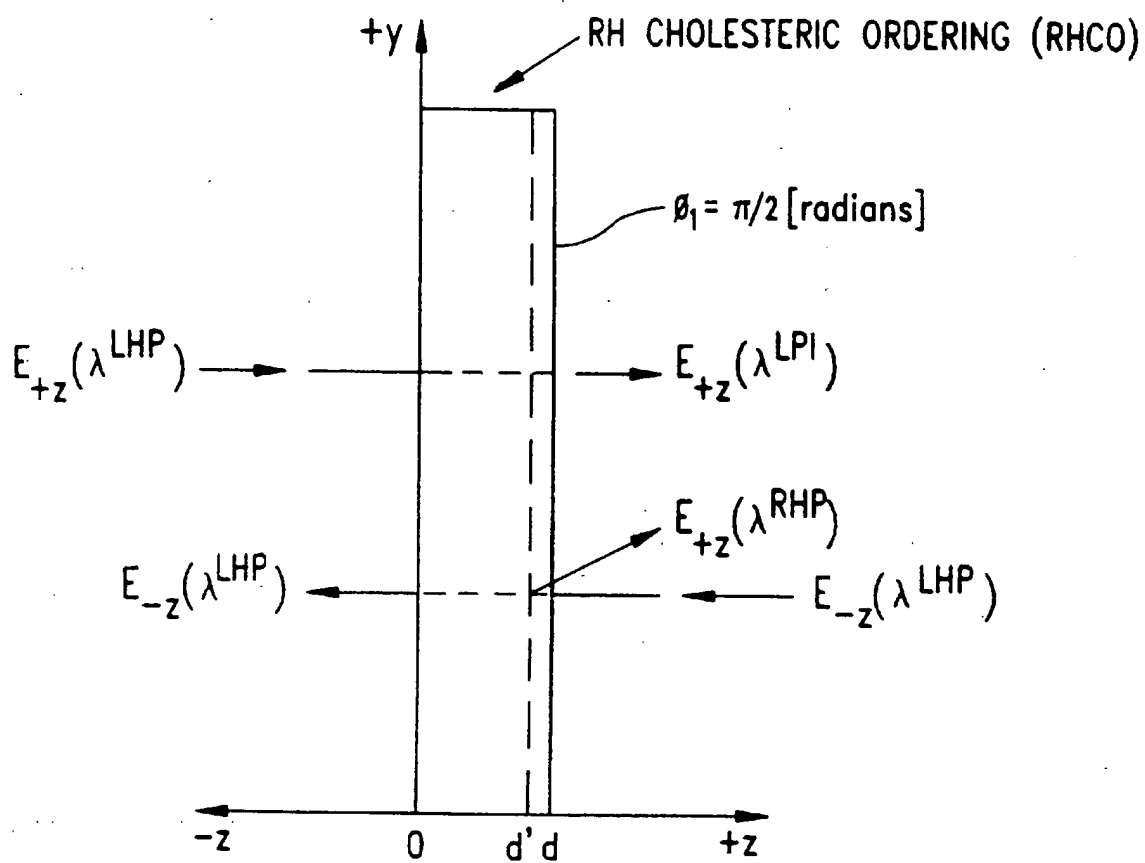


FIG.5D1

$$E_{+z}(\lambda^{LHP}) \square P(\pi/2; \text{RHCO}) \Rightarrow E_{+z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{LHP}) \square P(\text{RHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{LHP})$$

FIG.5D2

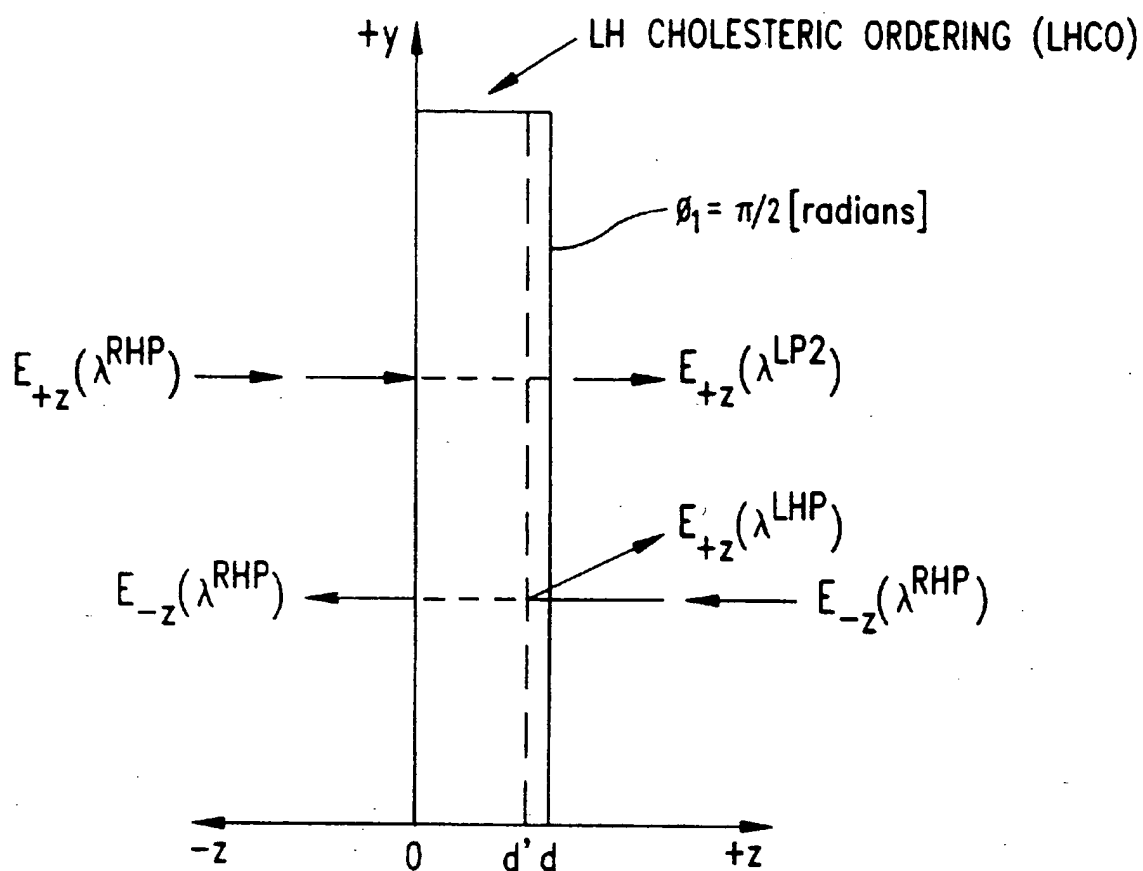


FIG.5E1

$$E_{+z}(\lambda^{RHP}) \rightarrow P(LHCO; \pi/2) \Rightarrow E_{+z}(\lambda^{LP2})$$

$$E_{-z}(\lambda^{RHP}) \rightarrow P(\pi/2; LHCO) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{RHP})$$

FIG.5E2

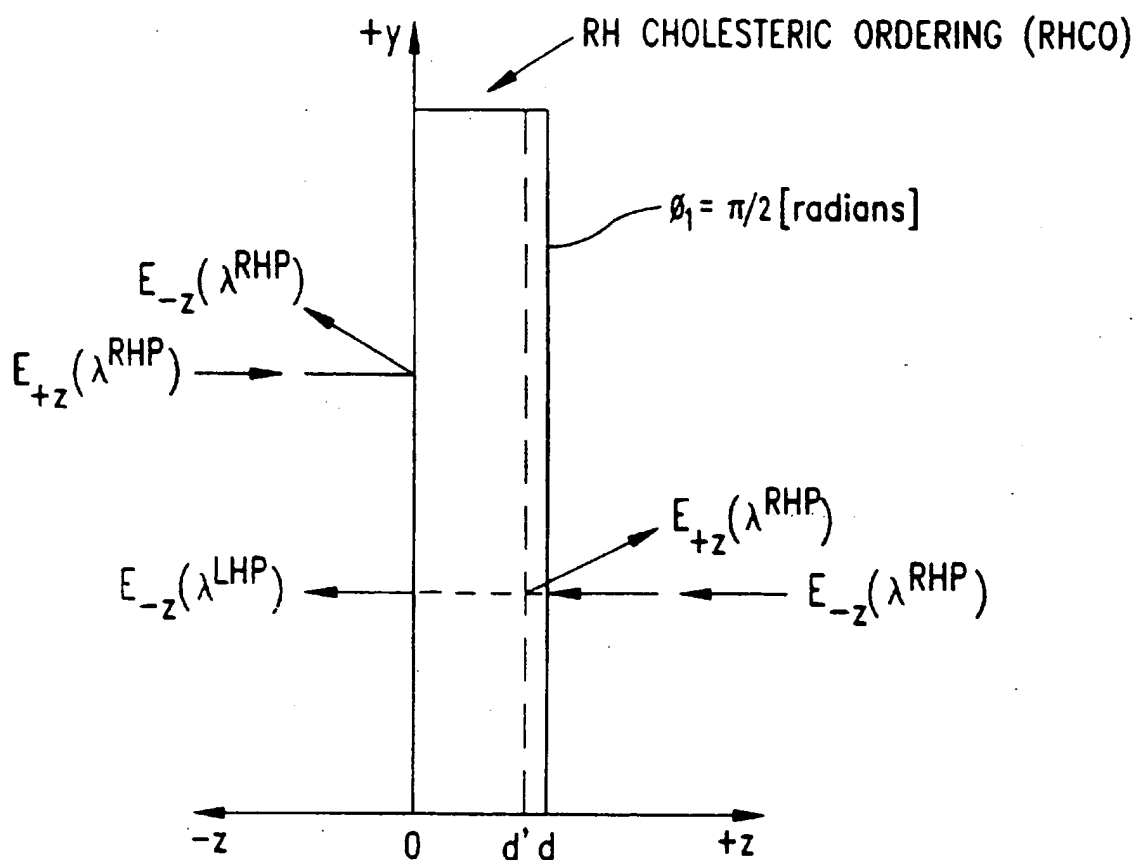
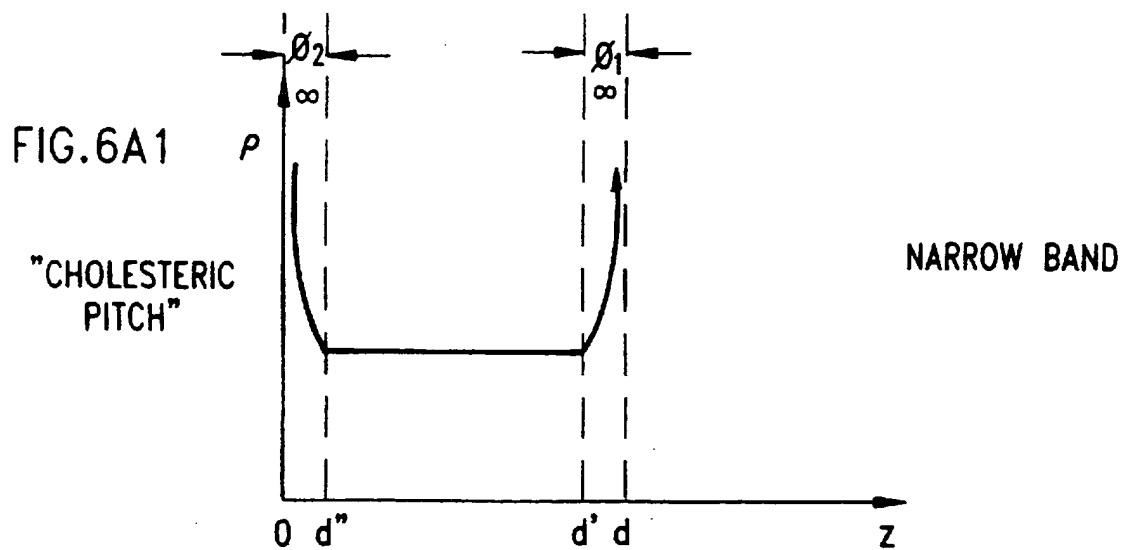
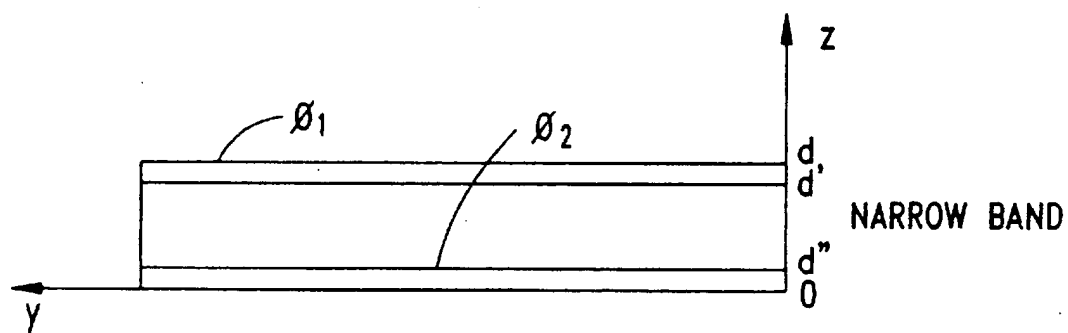
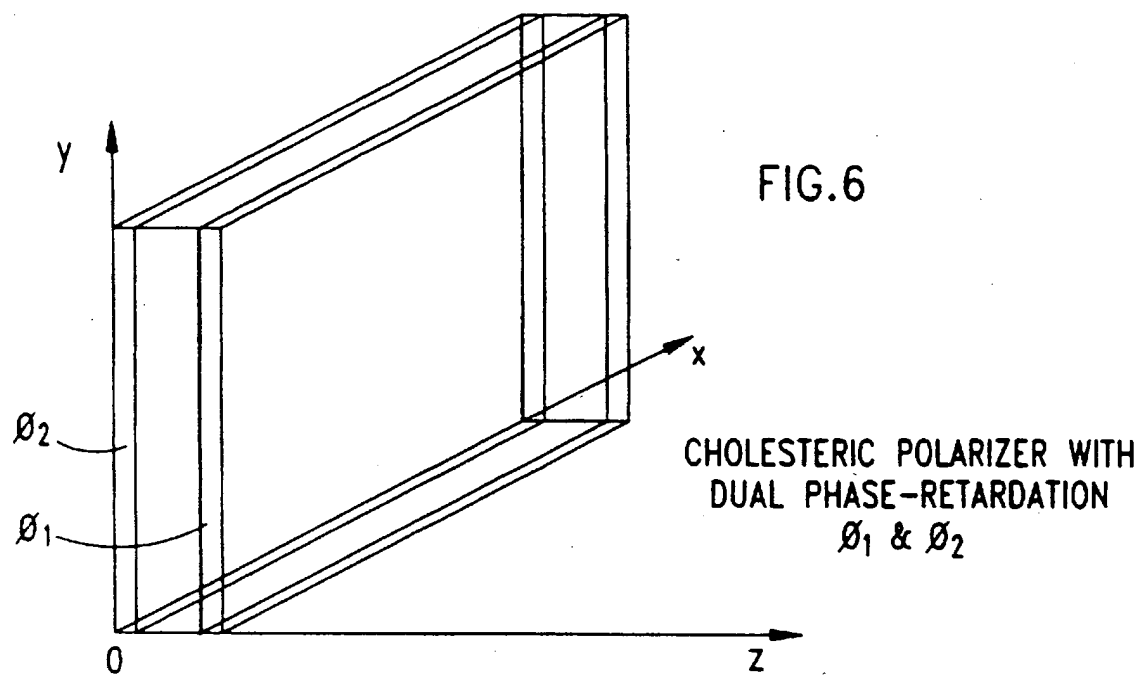


FIG.5F1

$$E_{+z}(\lambda^{RHP}) \square P(RHCO; \pi/2) \Rightarrow E_{-z}(\lambda^{RHP})$$

$$E_{-z}(\lambda^{RHP}) \square P(\pi/2; RHCO) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{LHP})$$

FIG.5F2



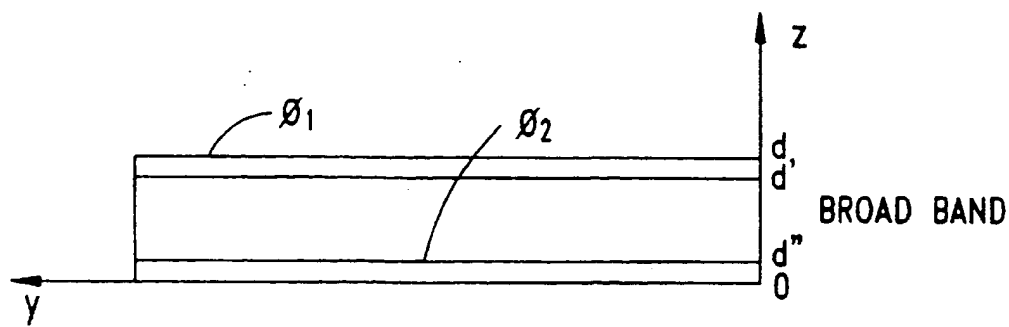


FIG.6B

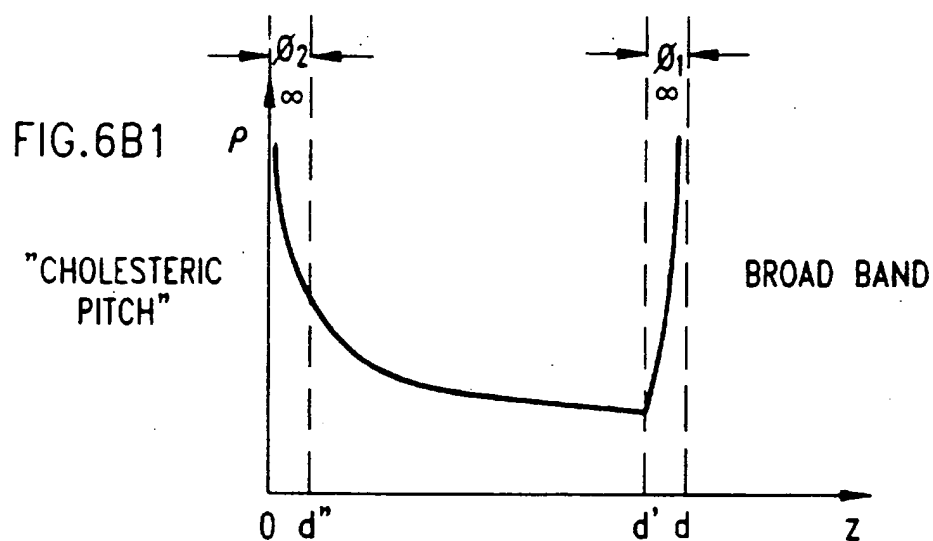
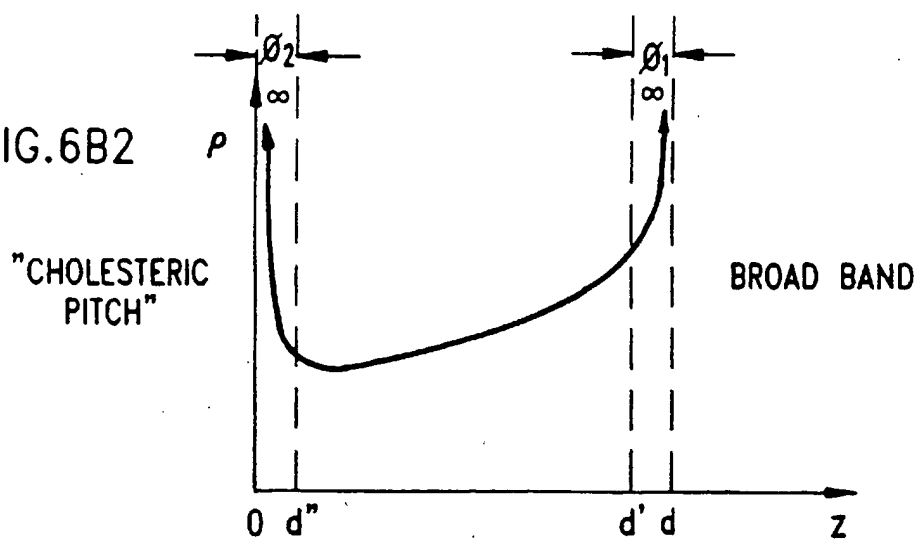


FIG.6B2





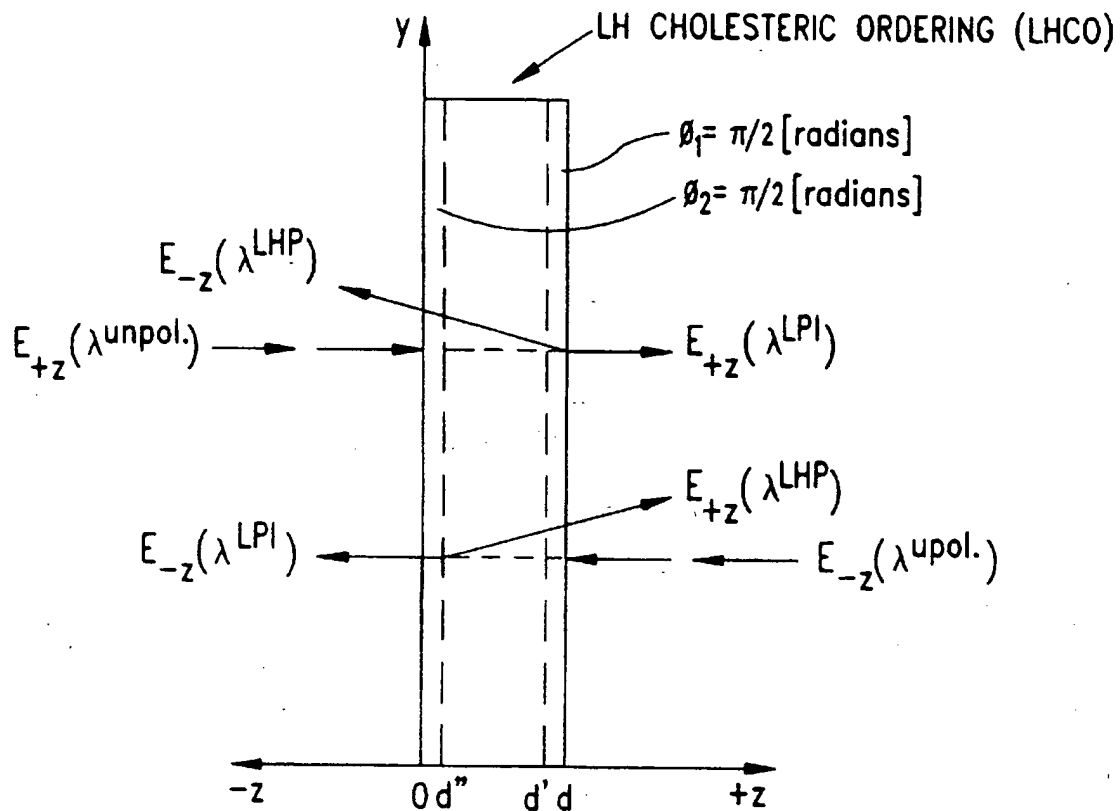


FIG.7A1

$$E_{+z}(\lambda^{\text{unpol.}}) \rightarrow P(\pi/2; \text{LHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{\text{LHP}}), E_{+z}(\lambda^{\text{LPI}})$$

$$E_{-z}(\lambda^{\text{unpol.}}) \rightarrow P(\pi/2; \text{LHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{\text{LHP}}), E_{-z}(\lambda^{\text{LPI}})$$

FIG.7A2

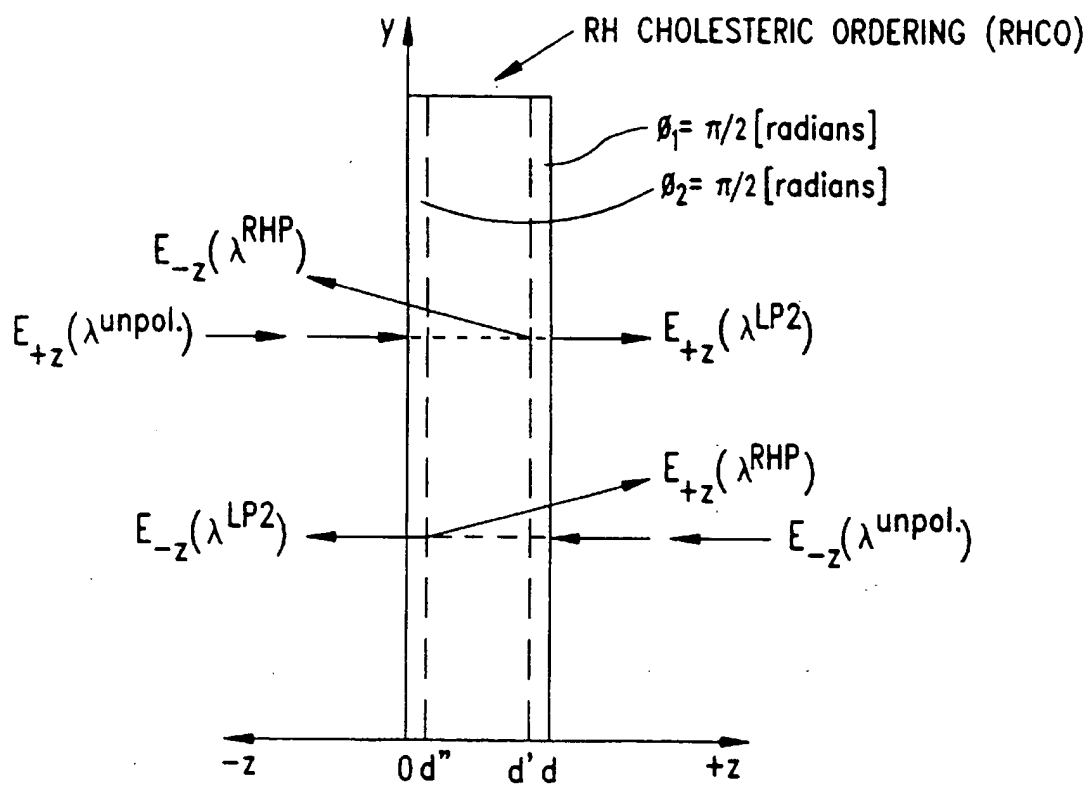


FIG.7B1

$$E_{+z}(\lambda^{unpol.}) \rightarrow P(\pi/2; RHCO; \pi/2) \Rightarrow E_{-z}(\lambda^{RHP}), E_{+z}(\lambda^{LP2})$$

$$E_{-z}(\lambda^{unpol.}) \rightarrow P(\pi/2; RHCO; \pi/2) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{LP2})$$

FIG.7B2

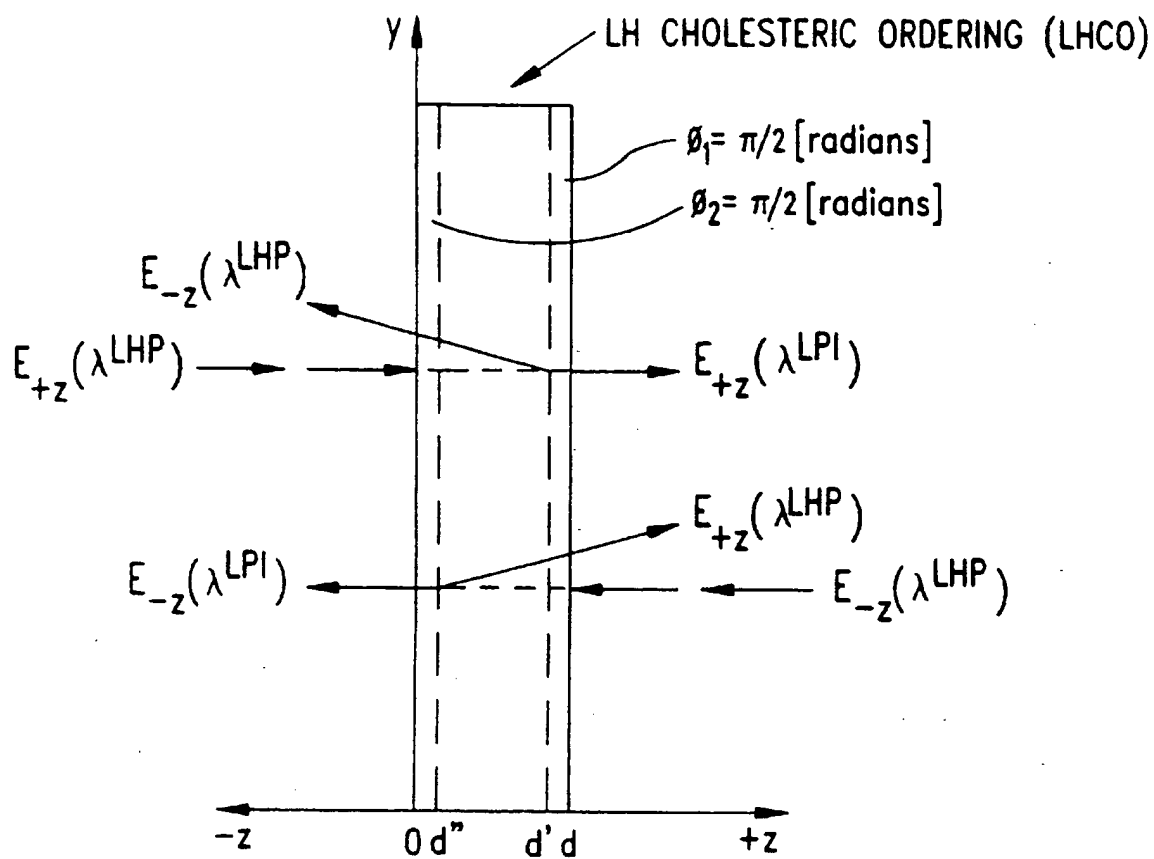


FIG.7C1

$$E_{+z}(\lambda^{LHP}) \square P(\pi/2; \text{LHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{LHP}), E_{+z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{LHP}) \square P(\pi/2; \text{LHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LPI})$$

FIG.7C2

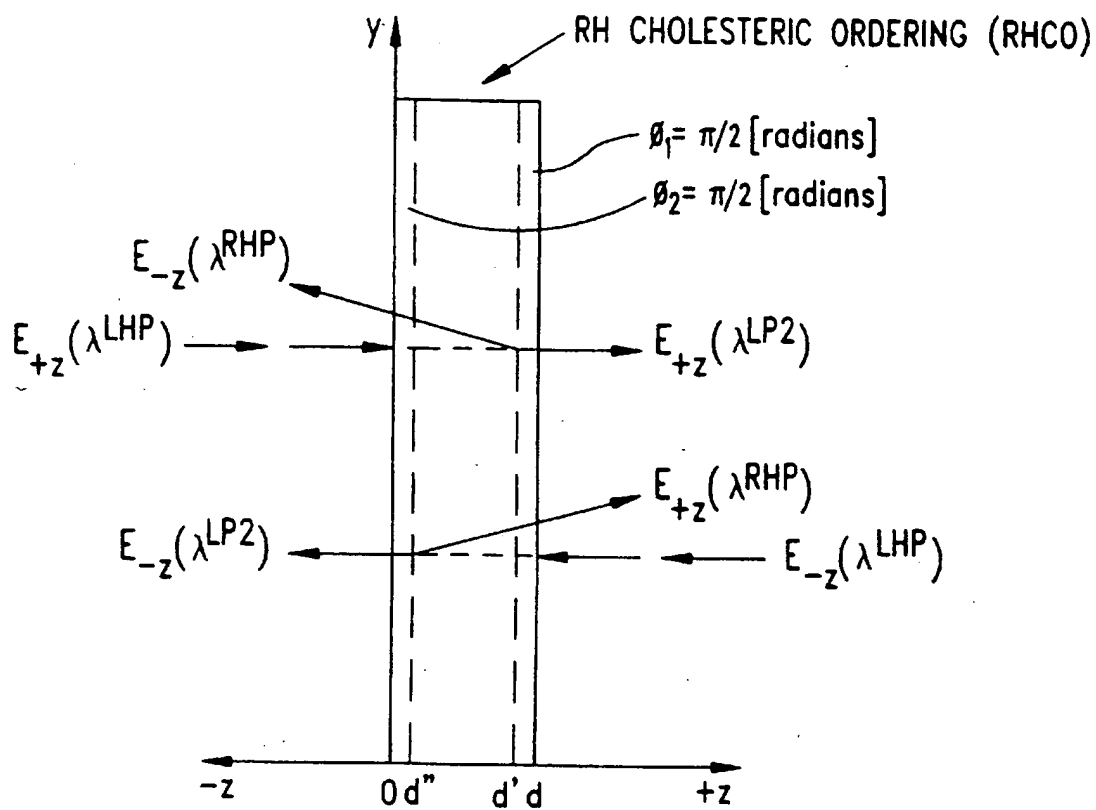


FIG.7D1

$$E_{+z}(\lambda^{LHP}) \rightarrow P(\pi/2; \text{RHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{RHP}), E_{+z}(\lambda^{LP2})$$

$$E_{-z}(\lambda^{LHP}) \rightarrow P(\pi/2; \text{RHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{LP2})$$

FIG.7D2

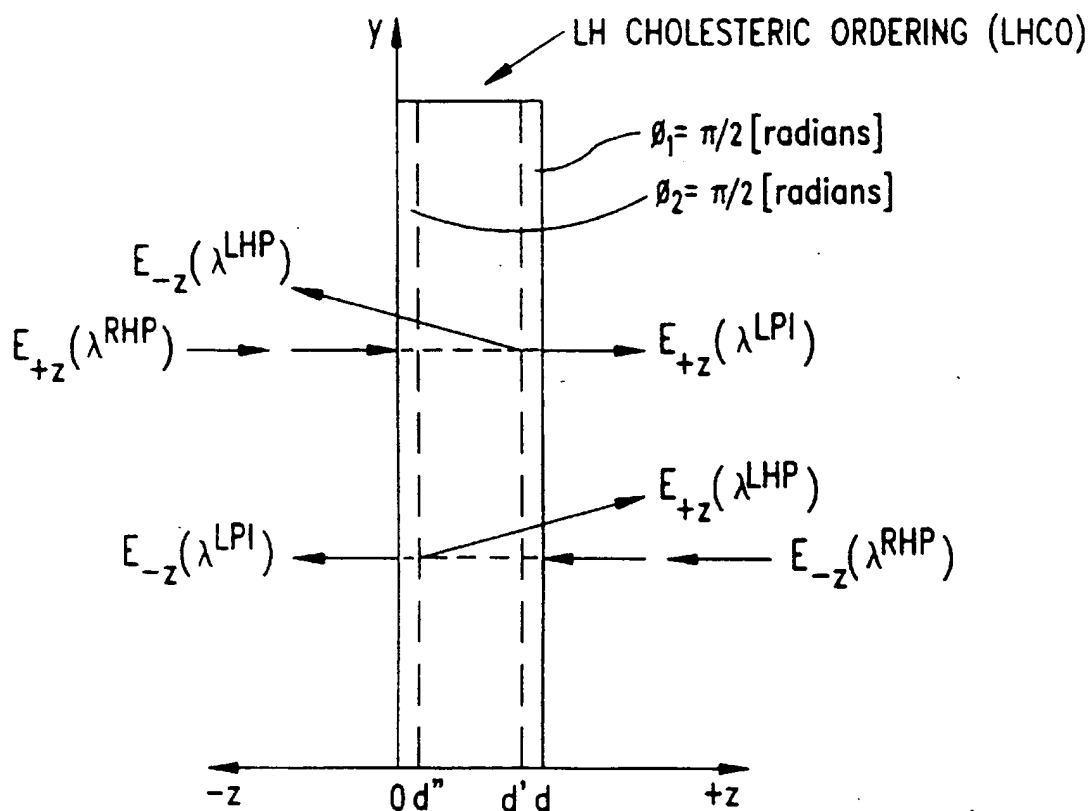


FIG.7E1

$$E_{+z}(\lambda^{RHP}) \rightarrow P(\pi/2; LHCO; \pi/2) \Rightarrow E_{-z}(\lambda^{LHP}), E_{+z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{RHP}) \rightarrow P(\pi/2; LHCO; \pi/2) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LPI})$$

FIG.7E2

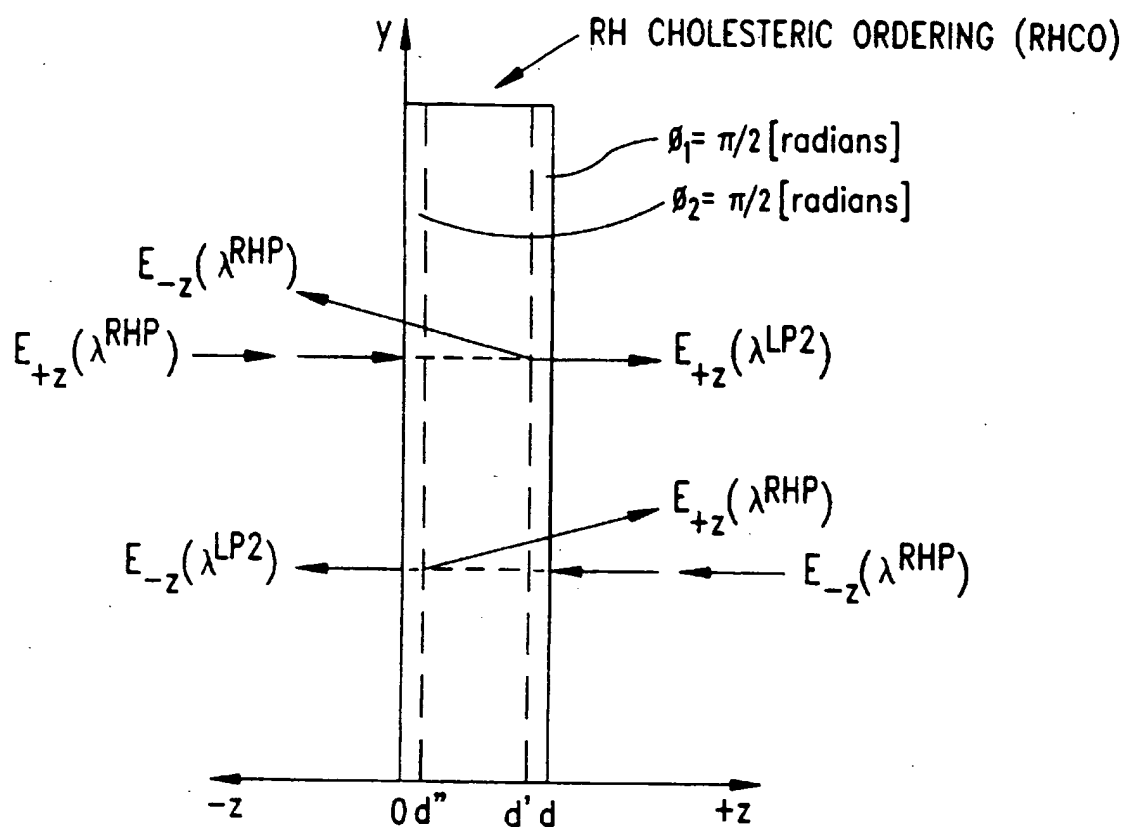


FIG.7F1

$$E_{+z}(\lambda^{RHP}) \rightarrow P(\pi/2; \text{RHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{RHP}), E_{+z}(\lambda^{LP2})$$

$$E_{-z}(\lambda^{RHP}) \rightarrow P(\pi/2; \text{RHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{LP2})$$

FIG.7F2

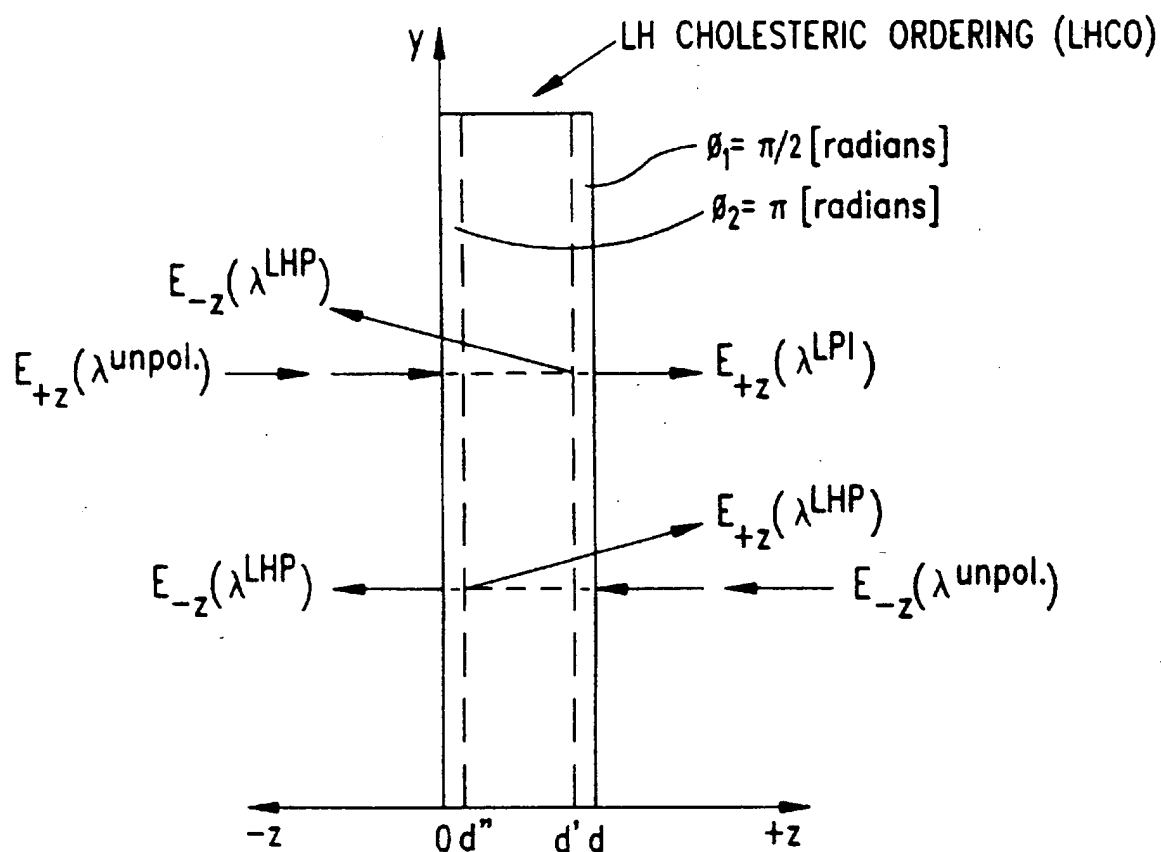


FIG.8A1

$$E_{+z}(\lambda^{unpol.}) \rightarrow P(\pi; LHCO; \pi/2) \Rightarrow E_{-z}(\lambda^{LHP}), E_{+z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{unpol.}) \rightarrow P(\pi/2; LHCO; \pi) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LHP})$$

FIG.8A2

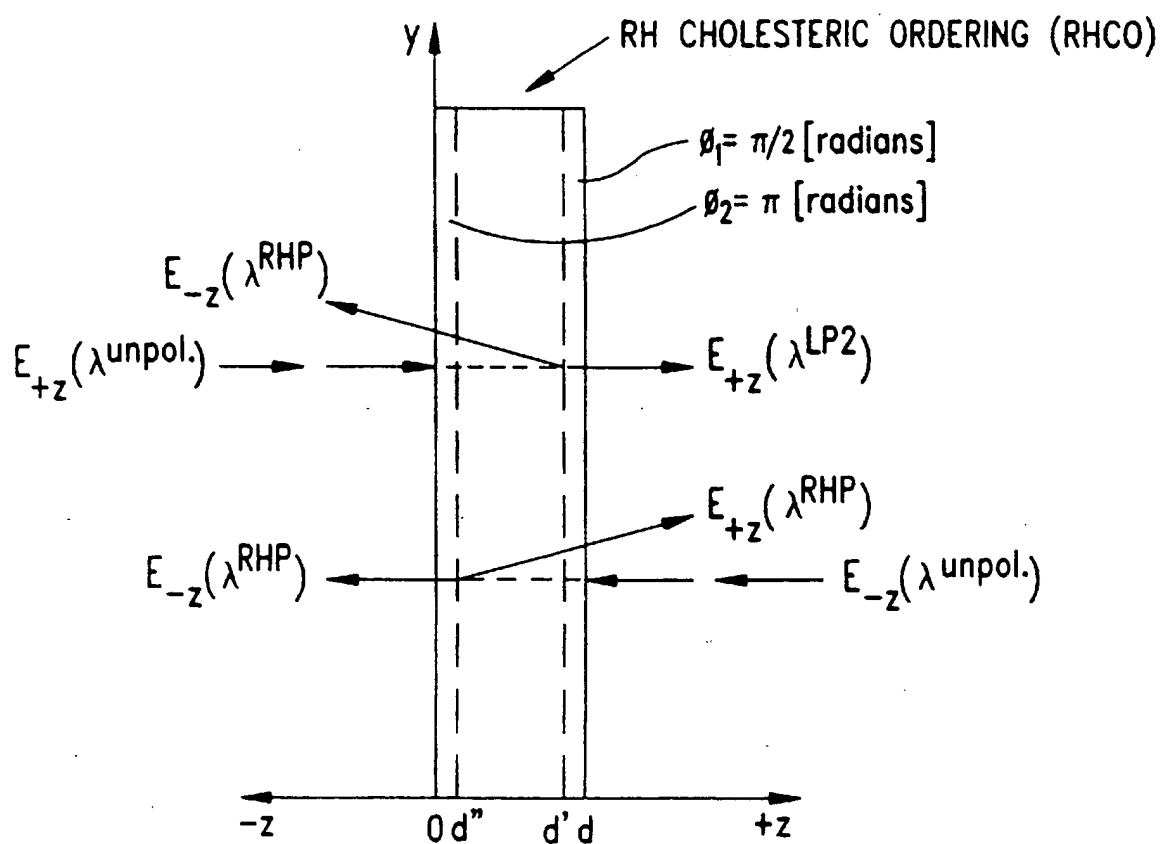


FIG.8B1

$$E_{+z}(\lambda \text{ unpol.}) \rightarrow P(\pi; \text{RHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{\text{RHP}}), E_{+z}(\lambda^{\text{LP2}})$$

$$E_{-z}(\lambda \text{ unpol.}) \rightarrow P(\pi/2; \text{RHCO}; \pi) \Rightarrow E_{+z}(\lambda^{\text{RHP}}), E_{-z}(\lambda^{\text{RHP}})$$

FIG.8B2



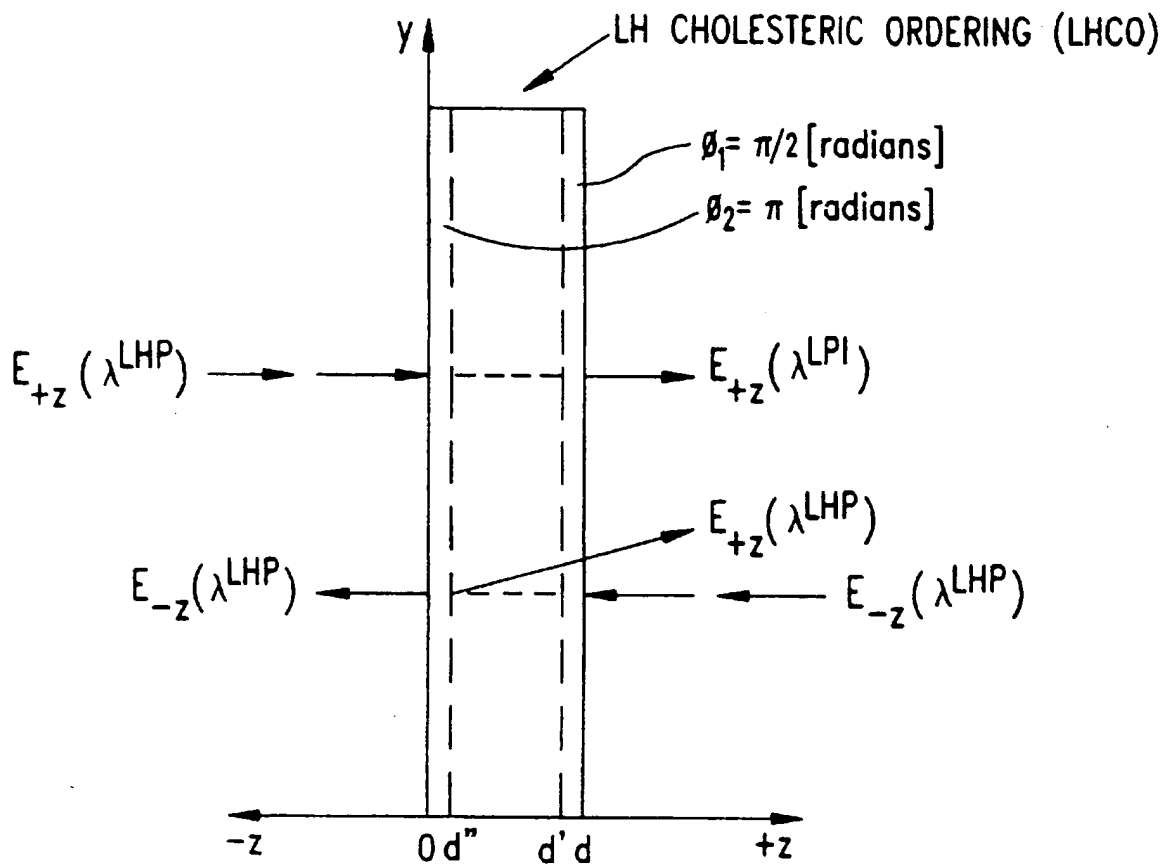


FIG.8C1

$$E_{+z}(\lambda^{LHP}) \rightarrow P(\pi; \text{LHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{LPI})$$

$$E_{-z}(\lambda^{LHP}) \rightarrow P(\pi/2; \text{LHCO}; \pi) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LHP})$$

FIG.8C2

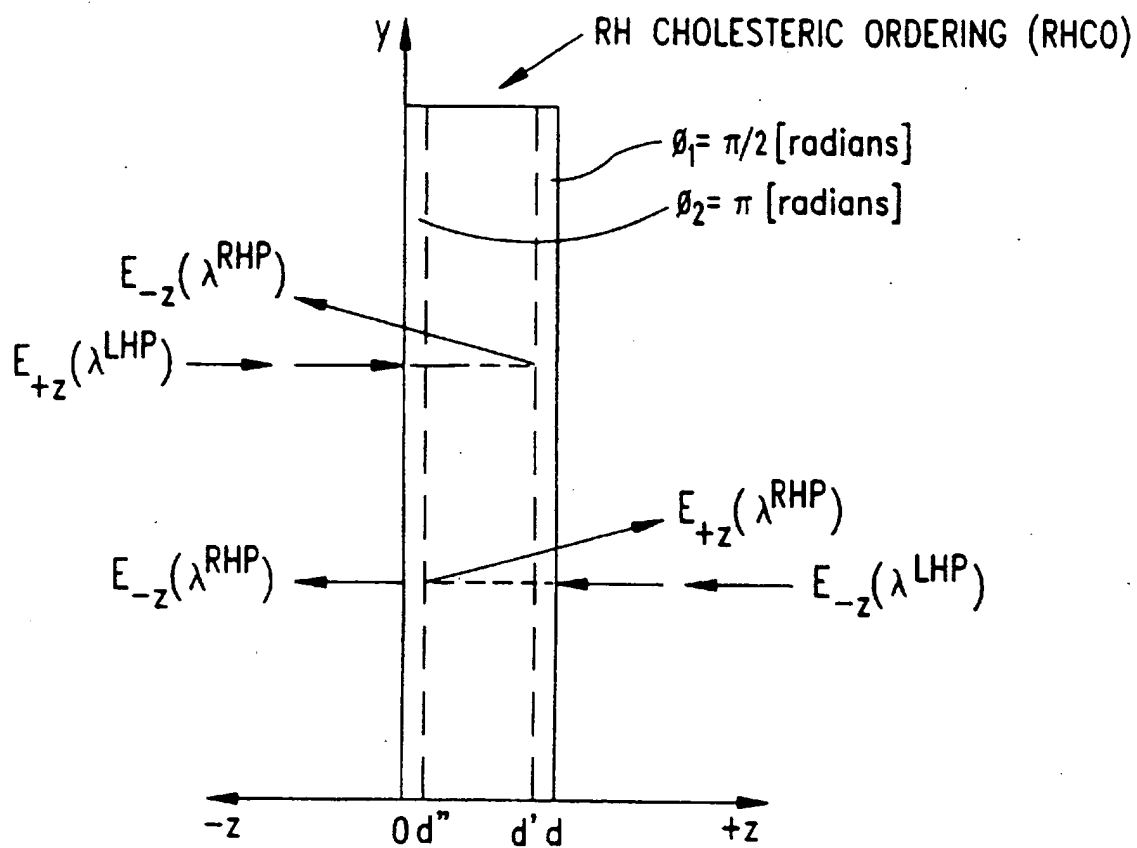


FIG.8D1

$$E_{+z}(\lambda^{LHP}) \square P(\pi; \text{RHCO}; \pi/2) \Rightarrow E_{-z}(\lambda^{RHP})$$

$$E_{-z}(\lambda^{LHP}) \square P(\pi/2; \text{RHCO}; \pi) \Rightarrow E_{-z}(\lambda^{RHP}), E_{-z}(\lambda^{RHP})$$

FIG.8D2

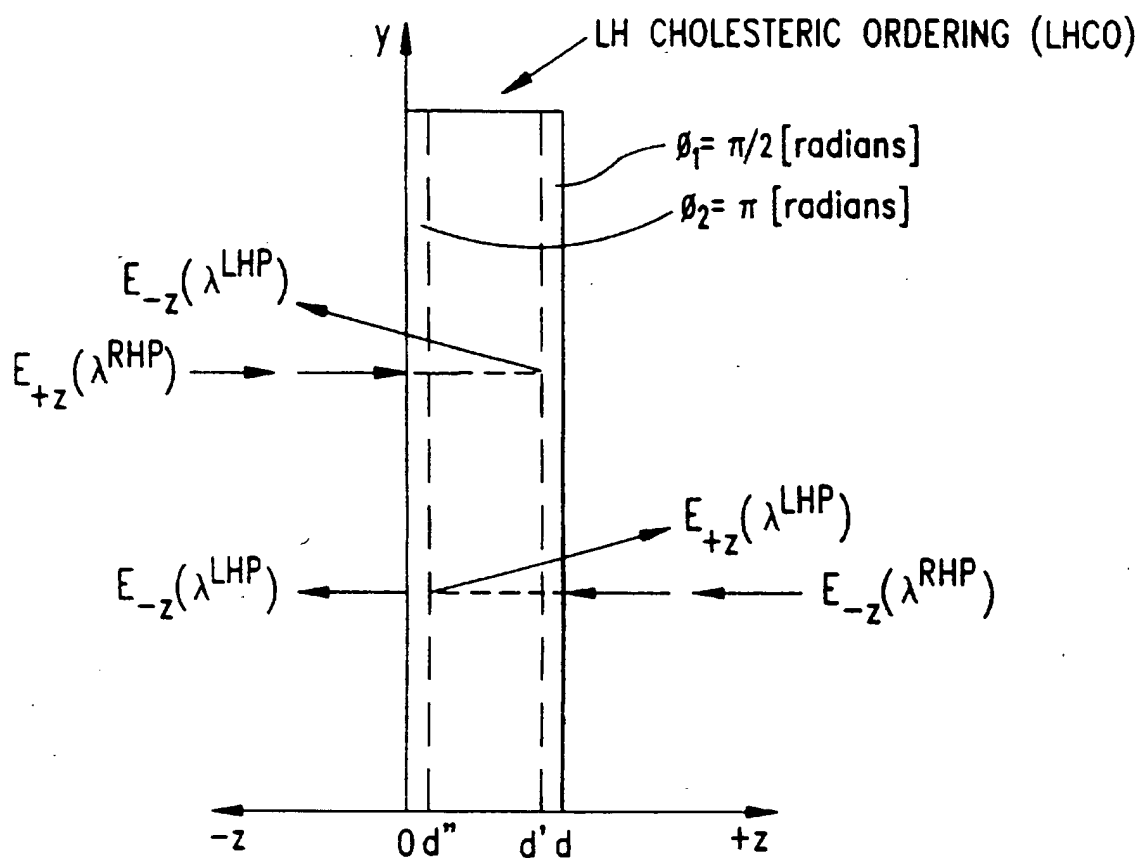


FIG.8E1

$$E_{+z}(\lambda^{RHP}) \rightarrow P(\pi; LHCO; \pi/2) \Rightarrow E_{-z}(\lambda^{LHP})$$

$$E_{-z}(\lambda^{RHP}) \rightarrow P(\pi/2; LHCO; \pi) \Rightarrow E_{+z}(\lambda^{LHP}), E_{-z}(\lambda^{LHP})$$

FIG.8E2

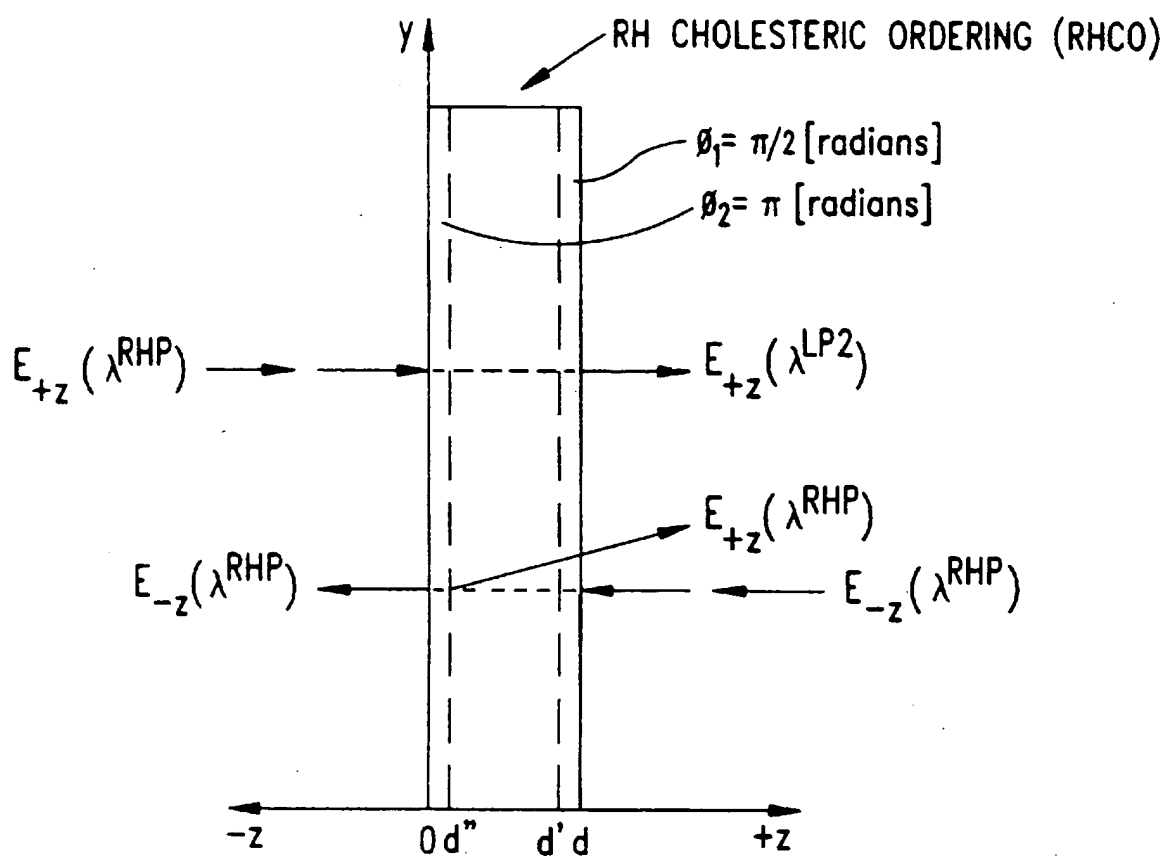


FIG.8F1

$$E_{+z}(\lambda^{RHP}) \rightarrow P(\pi; \text{RHCO}; \pi/2) \Rightarrow E_{+z}(\lambda^{LP2})$$

$$E_{-z}(\lambda^{RHP}) \rightarrow P(\pi/2; \text{RHCO}; \pi) \Rightarrow E_{+z}(\lambda^{RHP}), E_{-z}(\lambda^{RHP})$$

FIG.8F2